

THE UNIVERSITY OF TENNESSEE

COLLEGE OF ENGINEERING  
Department of Electrical Engineering  
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DATE: June 4, 1973

TO: NASA Scientific and Technical Information Facility  
Attn. Earth Resources  
P.O. Box 33  
College Park, Maryland 20740

FROM: Robert E. Bodenheimer

PRINCIPAL INVESTIGATOR  
IDENTIFICATION NUMBER: UN 654

PROPOSAL NUMBER: MMC # 162-06

CONTRACT NUMBER: NAS5-21875

SUBJECT: Progress Report, "ERTS-A Imagery  
Interpretation Techniques in the  
Tennessee Valley."

The purpose of this report is to summarize the research activity on proposal MMC # 162-06 (NAS5-21875), "ERTS-A Imagery Interpretation Techniques in the Tennessee Valley," during the period from March 25, 1973 to May 25, 1973. Principal Investigator for this project is Robert E. Bodenheimer (UN654).

Current Progress. Phase III of the research activity has begun. During the past two months, thirty (30) processing requests have been serviced for those groups at the University of Tennessee supported by the ERTS-1 program. Each group has been introduced to the new image processing laboratory described in

(E73-10633) ERTS-A IMAGERY INTERPRETATION  
TECHNIQUES IN THE TENNESSEE VALLEY  
Progress Report, 25 Mar. - 25 May 1973  
(Tennessee Univ.) 2 p HC \$3.00 CSCL 05B

N73-24392

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and preliminary studies of ERTS-1 data have been initiated. The image processing laboratory permits a flexible and highly "user-oriented" sequence of quantitative measurements to be taken from the ERTS imagery.

Next Reporting Period. The summer months represent a high activity period in the current research program. Processing of ERTS-1 imagery will continue using system programs developed specifically for this research. In addition, each supported group will supplement present studies through the "on-line" computer processing methods available through the image processing laboratory.

Respectfully submitted,

A handwritten signature in cursive script, reading "Robert E. Bodenheimer".

Robert E. Bodenheimer  
UN 654